

RUBBER MIXTURES BASED ON UNCROSSLINKED
RUBBERS AND CROSSLINKED RUBBER PARTICLES
AS WELL AS MULTIFUNCTIONAL ISOCYANATES

ABSTRACT OF THE DISCLOSURE

The rubber mixtures according to the invention, containing uncrosslinked, double-bond-containing rubbers (A), crosslinked rubber particles (B) and multifunctional isocyanates (C), wherein the amount of component (B) in the mixture is from 1 to 150 parts by weight and the amount of multifunctional isocyanates (component C) is from 1 to 100 parts by weight, in each case based on 100 parts by weight (phr) of the rubber component (A), may be used in the production of rubber vulcanates and molded rubber bodies of any kind, the vulcanates produced therefrom having an advantageous combination of mechanical properties, such as tensile stress at 300 % elongation, ultimate elongation, tear resistance and abrasion resistance.

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